

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 February 2005 (03.02.2005)

PCT

(10) International Publication Number
WO 2005/010259 A1

(51) International Patent Classification⁷: D04B 1/24, 1/00

(21) International Application Number:

PCT/EP2004/006730

(22) International Filing Date: 22 June 2004 (22.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

MI2003A001369

3 July 2003 (03.07.2003) IT

(71) Applicant (for all designated States except US): SANTONI S.P.A. [IT/IT]; Via C. Fenzi, 14, I-25135 Brescia (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LONATI, Ettore [IT/IT]; Piazza Paganora, 5, I-25121 Brescia (IT).

LONATI, Fausto [IT/IT]; Via Mediana, 15, I-25128 Brescia (IT). LONATI, Tiberio [IT/IT]; Via Sera, 24, I-25121 Brescia (IT).

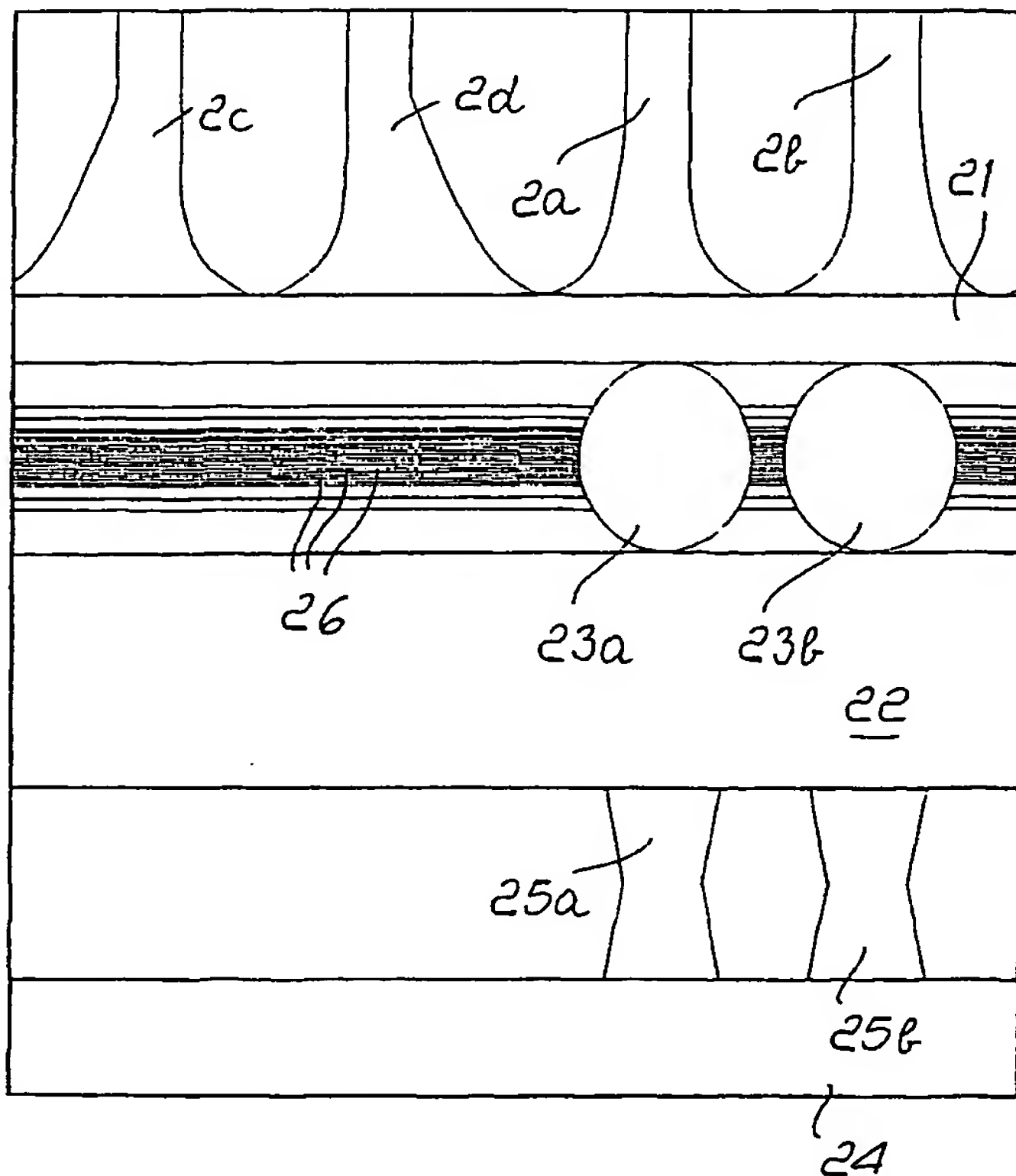
(74) Agent: MODIANO, Guido; Modiano & Associati, Via Meravigli, 16, I-20123 Milano (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: METHOD FOR MANUFACTURING KNITTED ARTICLES FOR FORMING ITEMS OF CLOTHING, SUCH AS BODY SUITS, SLEEVELESS TOPS, UNDERSHIRTS, BRAS, UNDERPANTS OR THE LIKE, WITHOUT LATERAL SEAMS, WITH A CIRCULAR KNITTING MACHINE



(57) Abstract: A method for manufacturing knitted articles for forming items of clothing, such as body suits, sleeveless tops, undershirts, bras, underpants or the like, without lateral seams, with a circular knitting machine, comprising a step for forming at least one pouch-like region (13a, 13b, 23a, 23b, 25a, 25b), in which part of the needles or all the needles that belong to at least one sector of the needle cylinder are moved to knit at at least one feed of the machine by actuating the needle cylinder of the machine with an alternating rotary motion about its axis and with an extent of oscillation that is sufficient to produce the transit, at the feed, of all the needles of the sector that are moved so as to knit at the feed, in order to form, with the needles that belong to the sector and are moved so as to knit, a number of rows of knitting in excess with respect to the number of rows of knitting formed by the needles that are contiguous to the sector.



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*